University of Alberta

77th
Annual
Convocation
Part II





for the conferring of degrees for the Faculties of

Science Engineering Agriculture and Forestry

Presiding: The Chancellor Associate Chief Justice Tevie H. Miller

2:00 pm, Tuesday June 2nd, 1987 Northern Alberta Jubilee Auditorium



## The Order of Academic Procession

The audience and graduands will remain seated during the musical prelude. Following a pause in the music the band will play the opening bars of the processional music to signal the arrival of the Chancellor and other members of the Platform Party. The audience and graduands should then rise and remain standing until after the Invocation.

Music provided by the University of Alberta Convocation Band under the direction of Ernest Dalwood, AMus. Vocal accompaniment by Dwayne Barr, student in the Department of Music.

The assistance of the Music Performance Trust Fund and the Edmonton Musicians' Association is gratefully acknowledged.

Please refer to the inside back pages of this program for a short history of academic dress and other academic information.

Mace Bearer

Marshals

Chancellor

Chairman of the Board of Governors

President and Vice-Chancellor

Vice Presidents

Honorary Graduands and Presenters

Honorary Doctors of the University

Invocator

Alumni Association Officer

Deans of the Faculties

Registrar

Associate Registrar

Members of the Judiciary

Governors of the University

Senators of the University

Representatives of

Governments

Representatives of other Post-Secondary Institutions

Faculty of the University

#### National Anthem

O Canada! Our home and native land!
True patriot love in all thy sons command.
With glowing hearts we see thee rise,
The True North strong and free!
From far and wide, O Canada, we stand on guard for thee.
God keep our land glorious and free!
O Canada, we stand on guard for thee,
O Canada, we stand on guard for thee.

## Hymne National

O Canada! Terre de nos aieux,
Ton front est ceint de fleurons glorieux!
Car ton bras sait porter l'épée,
Il sait porter la croix!
Ton histoire est une épopée des plus brillants exploits.
Et ta valeur, de foi trempée,
Protégera nos foyers et nos droits,
Protégera nos foyers et nos droits.

## Royal Anthem

God save our gracious Queen Long live our noble Queen God save the Queen

Send her victorious Happy and glorious Long to reign over us God save the Queen.

#### **Academic Procession**

#### O Canada

The Invocation

The Reverend Canon Randall Ivany, CM, DD, LLD Executive Director, International Ombudsman Institute

Welcome to the University *John L. Schlosser*, CM Chairman, Board of Governors

Report to the University *John L. Schlosser*, CM Chairman, Board of Governors

The Students' Union
Tim Boston
President

Conferring of Degrees
The Presentation
The Pledge
The Admission

The Alumni Association Barbara Kozoriz, BSc

# Conferring of Honorary Degree of Doctor of Laws

John Edward Poole, BScEng Presented by Robert Stollery, BScCivEng, LLD (Hon, Alberta), LLD (Hon, Concordia)

Alfred Ernest Pallister, BSc, DSc (Hon, Memorial), PGeoph Presented by Peter F. Adams, BEng, MEng, PhD Professor of Civil Engineering

Convocation Address Dr. A. Ernest Pallister

God Save the Queen

#### Recession

Members of the audience are requested to remain in their seats until the Platform Party and the graduates have recessed.

Following the Convocation ceremony light refreshments will be served. The University and the Alumni Association cordially invite you to attend.

First balcony foyer: Faculties of Engineering and Agriculture and Forestry.

Main floor foyer: Faculty of Science.

#### The Presentation

The Dean of the Faculty of Science asks the candidates for degrees to rise, and presents them with these words: "Eminent Chancellor and President, on behalf of the Faculties, I present to you these scholars and ask that they be pledged and admitted to the degrees to which they are entitled."

## The Pledge

the candidates in these words:
"Do you promise faithfully to observe
and loyally to maintain the statutes,
customs, privileges and liberties of
this your University? Do you
solemnly promise to conduct yourself
in all things loyally and faithfully to

the honor of your University, the encouragement of learning and the

The President, then rising, addresses

Each candidate replies: "These things I pledge myself to do."

## The Admission

good of your country?"

The Chancellor then addresses the candidates in these words:

"By virtue of the authority vested in me by the Legislature of this Province, and with the consent of this University, I admit you to the degrees to which you are entitled, and invest you with all the powers, rights and privileges pertaining to such degrees, and I charge you to use them for the Glory of God and the honor of your country."

Graduates then sit down.

#### **AWARDS IN FACULTIES**

## The Faculty of Science

The Lieutenant-Governor's Gold Medal Daniel Husayn Kalantar, Edmonton

The Dean's Gold Medal in Science Arkadiusz Norbert Jaroni, Edmonton

The Gold Medal in Science Bonita Elizabeth Lee, Hong Kong

The Dean's Silver Medals in Science Erik Martin Altmann, Edmonton Robert Peter Enns, Edmonton Janine Marie MacDonald, Calgary Susannah Lesley Scott, British Columbia Siu Cheung Szeto, Edmonton Kwong-Kwai Humphrey Tung, Hong Kong Leslie Corinne Twilley, Fort Saskatchewan

# The Faculty of Engineering

The Henry Birks and Sons, Limited, Medal Andrew Mark Prystajecky, Edmonton

# The Faculty of Agriculture and Forestry

The Alberta Institute of Agrologists Medal Karen Leslie Haugen-Kozyra, Edmonton Gregory Mark Jeffers, Calgary

The Canadian Institute of Forestry Medal Kim Charles Young, British Columbia

The Western Canadian Society for Horticulture Medal Christina Denise Hecht, Fort Saskatchewan

The Frank A. Coates Memorial Prize Christina Denise Hecht, Fort Saskatchewan

The Commonwealth Forestry Bureau Prize Glen Timothy Hvenegaard, Standard

The Forest Biology Book Prize Kim Charles Young, British Columbia

The David Angus Graham Memorial Scholarship Paul Joseph Hostin, United States of America

The Wood Science and Technology Prize Terry Kim Anderson, British Columbia

#### **AWARDS IN DEPARTMENTS**

## **Botany**

The J.E. Olsen Prize in Botany Kevin Alfred Wenzel, Medicine Hat

## **Chemical Engineering**

The APEGGA Medal in Chemical Engineering Connie Marie Robinson, Sherwood Park

The R.T. McKenzie Memorial Book Prize Yan Sung Yiu, Hong Kong

## Chemistry

The Gold Medal in Chemistry
Susannah Lesley Scott, British Columbia

## Civil Engineering

The APEGGA Medal in Civil Engineering Desmond Williamson, Edmonton

The Engineer's Collaborative - J.R. Ogilvie Memorial Scolarship Desmond Williamson, Edmonton

The Masonry Contractors Association of Alberta (Edmonton Chapter) Scholarship Adrienne Diane Long, Edmonton

## **Computer Engineering**

The APEGGA Medal in Computer Engineering Emilian Stephen Ochotta, Edmonton

# **Electrical Engineering**

The APEGGA Medal in Electrical Engineering Andrew Mark Prystajecky, Edmonton

The Hewlett-Packard Award Pushp Kumar Trikha, Edmonton

The Teleglobe Canada Prize
Shen Young Fei Andy, Hong Kong

## Geography

The Canadian Association of Geographers Book Prize Elizabeth June Tod, Edmonton

## Geology

The APEGGA Medal in Geology Janine Marie MacDonald, Calgary

The William R. Scott Memorial Prize in Economic Geology Robert Peter Shaw, Edmonton

# Mechanical Engineering

The APEGGA Medal in Mechanical Engineering David Bruce Burgess, Calgary

# Mining, Metallurgical & Petroleum Engineering

The APEGGA Medal in Metallurgical Engineering Gregory Shane Whiting, United States of America

The APEGGA Medal in Petroleum Engineering Robert James Paul, Calgary

## **Physics**

The Louis S. Crosby Memorial Gold Medal in Physics Kwong-Kwai Humphrey Tung, Hong Kong

The J.A. Jacobs Prize in Geophysics Murray Dean Wunderly, Sherwood Park

The J.A. Jacobs Prize in Physics Joanne Marie Baer, Edmonton

The list of candidates for degrees and certificates appearing herein is subject to such corrections, with respect to both deletions and additions, as may be necessary.

## Admitted to the Degree of Doctor of Laws, Honoris Causa

John Edward Poole, BScEng Alfred Ernest Pallister, BSc, DSc (Hon, Memorial), PGeoph

## Admitted to the Degree of Bachelor of Science with Honors

Graduates presented by Professor R.D. Bercov, Dean of the Faculty of Science and E.A. Cossins, Associate Dean of the Faculty of Science

With First Class Honors

Erik Martin Altmann, Edmonton (Computing Science) Christine Beck, Edmonton (Psychology)

Robert William Carss, Edmonton (Geology)

Laurie Elizabeth Convey, Edmonton (Zoology)

Maria Catherine Dunn, Sherwood Park (Psychology)

Randy Wayne Elder, Edmonton (Psychology)

Robert Peter Enns, Edmonton (Computing Science)

Timothy Gordon Fisher, Didsbury (Physical Geography)

Stephen Witney Gilliland, Edmonton (Psychology)

Jan Marie Hagen, Calgary (Zoology)

Claire Harrison, St. Albert (Computing Science)

Graeme Neal Jones, Peace River

(Computing Science)
Daniel Husayn Kalantar, Edmonton

(Mathematical Physics)

Jesse Ka-Leung Lee, Edmonton (Mathematics)

Gale Norma Martha, Edberg (Zoology)

Kimberly Kathleen McKenney, Edmonton (Zoology)

Gail Cecile Miklos, Edmonton (Computing Science)

David Andrew Monaghan, St. Albert (Psychology)

Donna Jean Mumert, Grande Prairie (Genetics)

Michael Edward Patrick Murphy, Edmonton (Biochemistry)

Vicky Basiliki Protopappas, Calgary (Chemistry)

Sheila Anne Rangen, Red Deer

(Zoology) Susannah Lesley Scott, British Columbia

(Chemistry)

Lorie Angela Stewart, Stettler (Geology)

Siu Cheung Szeto, Edmonton (Statistics)

Dale John Talbot, Edmonton (Biochemistry)

Christine Gail Taylor, New Brunswick (Physical Geography)

Elizabeth June Tod, Edmonton (Physical Geography)

Kwong-Kwai Humphrey Tung, Hong Kong (Physics)

Leslie Corinne Twilley, Fort Saskatchewan (Psychology)

Julie Anne Ulan, Edmonton (Geology)

Helen Maria Verhesen, Trochu (Genetics)

Colin Boyd Wiebe, Lethbridge (Zoology)

Dean Michael Willberg, Pincher Creek (Chemistry)

Ryan Delbert Wilson, Edmonton (Geology)

Bruce Michael Beynon, Edmonton (Geology)

Tereasa Gail Brainerd, Edmonton (Physics)

Stephen Robert Byrne, Edmonton (Computing Science)

Hang Khanh Du, Red Deer (Computing Science)

Michael John Gruninger, Lethbridge (Computing Science)

Ulrika Philippa Louise Hawkins, Banff (Physical Geography)

Charles Thomas Hepler, Lethbridge (Physics)

Royce Winfield Howland, Edmonton (Computing Science)

Sack G Igarashi, Edmonton (Genetics)

Rhea Lynne Karvonen, Grande Prairie (Geology)

Terrence William Stanley Kolber, Edmonton (Physics)

Ingrid Barbara Kullmann, British Columbia (Biochemistry)

Rekha Rani Kulshreshtha, Edmonton (Physics)

Tammi Yolanda Kwan, Edmonton (Psychology)

Scott Vincent Leddy, Edmonton (Genetics)

Elina Linetsky, Edmonton (Genetics)

Craig Michael Litwin, Edmonton (Pharmacology)

Morris David MacCagno, Edmonton (Geology)

Janine Marie MacDonald, Calgary (Geology)

Stephen Walter Mason, Edmonton (Genetics)

Maria Annette Matishak, Edmonton (Geography)

Jacqueline Mary McGowan, Edmonton (Physiology)

Ganesh Murdeshwar, Edmonton (Computing Science)

Gerard Anthony James O'Hara, Edmonton (Applied Mathematics and Computing Science) James Milan Pankovich, Edmonton (Physiology)

Kevin Lee Piers, British Columbia (Genetics)

Gary Michael Samek, Manning (Physics)

David Eric Schwartz, Edmonton (Genetics)

William Ernest Sevcik, Viking (Zoology)

Robert Peter Shaw, Edmonton (Geology)

Wai Ming Siu, Hong Kong (Statistics)

Patrick Donald Sparrow, Leduc (Geology)

Ronald Victor Sulatycky, Edmonton (Genetics)

Shun Hong Wu, Hong Kong (Computing Science)

#### Admitted to the Degree of Bachelor of Science With Specialization

#### With Distinction

Joanne Marie Baer, Edmonton

(Physics)

Sandra Anne Berzins, Edmonton (Psychology)

Timothy Allen Caulfield, Sherwood Park (Psychology)

Julie Lan Chen, Edmonton (Microbiology)

Richard James Fleetwood, British Columbia (Meteorology)

Gary John Gray, Edmonton

(Microbiology) Rosalyn Gwen Hughes, Leduc

(Mathematics)

Donald Leslie Ireland. Red Dee

Donald Leslie Ireland, Red Deer (Mathematics)

Darwyn Lawrence Kobasa, Peace River (Chemistry)

Winslowe Lacesso, Edmonton (Computing Science Scientific Comp)

Bonita Elizabeth Lee, Hong Kong (Genetics)

Shannon Jean Lord, Edmonton (Zoology)

Regina Brigitte Ludwig, Edmonton (Computing Science Scientific Comp)

Douglas Stewart Lundquist, Peace River (Meteorology)

David John McManus, Edmonton (Psychology)

Nancy Joanne Newhouse, Edmonton (Zoology)

Mark Harrison Olson, Edmonton (Zoology)

Heideh Omoumi, Iran (Geology)

Patrick Terrance Oreilly, Edmonton (Zoology)

Jacqueline Anne Paget, Calgary (Psychology)

Deborah Jean Rowe, Edmonton (Zoology)

Michael Wayne Schaffer, Grand Cache (Meteorology)
Brenda Marie Selin, Hay lakes (Meteorology)
Paul David Semchuk, Edmoton (Biochemistry)
Siu Yin-Leng Ella, Macao (Computing Science Software Design)
Leanne Rae Smiley, Edmonton (Zoology)
Patrick Alexander Smith, Edmonton (Meteorology)
Sharee Lorayne Symbaluk, Sherwood Park (Microbiology)

Robert Barry Tether, Saskatchewan

Pak-Fun Broderick Wong, Hong Kong

(Zoology)

(Statistics) Mark Darren Abel, Edmonton (Chemistry) Barbara Lynne Acton, Edmonton (Psychology) Darrell James Akerstrom, Red Deer (Psychology) Ronald Murray Andriuk, Edmonton (Geology) James Joseph Andruski, Edmonton (Geography) David Michael Antonelli, Edmonton (Chemistry) Samson Au, Lethbridge (Microbiology) Au Sing-Wah, Hong Kong (Computing Science Software Design) Geoffrey Alexander Austin, Edmonton (Genetics) Carol Ann Ayer, Edmonton (Microbiology) Siegfried Wernner Bahde, Manitoba (Geography Resource Studies) Leah Evan Barber, Lethbridge (Psychology) Larry James Barkley, Olds (Geology) Johnnie Robert Baxter, Edmonton (Computing Science) Drell Allan Bottorff, Edmonton

(Genetics)

(Mathematics)

(Statistics)

(Geophysics)

Ronald Blake Bouzek, Edmonton

Jordan William Sigurd Brand, Lacombe

Shamin Moya Brewer, Trinidad & Tobago

(Physical Geography)
Ozlem Boyacioglu, Edmonton

Michael James Brumlik, Edmonton (Biochemistry) Ross William Buchholz, Redcliff (Zoology) John Rodney Buchko, Calgary (Survey Science) Owen Bundred, Edmonton (Geology) Humayon Rashid Butt, Fort McMurray (Physics) Terrance Wayne Butt, Edmonton (Mathematics) Kimberly Allan Cassady, Edmonton (Mathematics) Eric Yu-Keung Chan, Hong Kong (Statistics) Ka Fai Chan, Hong Kong (Computing Science Business Applications) Louis Chi Kin Chan, Hong Kong (Statistics) Peter Shung Yan Chan, Edmonton (Mathematics) Terrence Wing Wah Chan, Hong Kong (Economics Mathematics) Thomas Fan-Tak Chan, Edmonton (Computing Science Business Applications) Edward Cheng, Edmonton (Computing Science Business Applications) William Cheng, Edmonton (Computing Science Software Design) Daria Leslie Cherkawsky, Sherwood Park (Psychology) Chia Wei Ling, Singapore (Computing Science Software Design) Frank Ping Chow, Edmonton

(Psychology)

Sung-Chi Chow, Hong Kong (Economics and Mathematics)

Kin Fan Choy, Hong Kong

(Computing Science Computer Design)

Jan-Marie Chrzanowski, Edmonton (Computing Science)

Tak Lam Chu, Hong Kong (Economics and Mathematics)

Cameron Robert Clarke, Edmonton (Computing Science Software Design)

John Daryl Climenhaga, Edmonton (Computing Science)

Barbara-Ann Dorothea Conway, Edmonton (Microbiology)

Kelly John Coulter, Edmonton (Geography)

Ian Patrick Crowe, Sherwood Park (Physics)

Mark Richard Cundict, Edmonton (Microbiology)

Ron James Dalueg, Edmonton (Meteorology)

Craig Wilfred Daniels, Fort Saskatchewan (Zoology)

Kelly Lee Davies, Bruderheim (Computing Science Software Design)

Peter Wayne Davis, Edmonton (Geophysics)

Wayne Spencer Davison, Edmonton (Geography)

Reinhold Deibler, West Germany (Geography)

Christopher Allan Dextrase, Peace River (Computing Science Business Applications)

Terrance Alan Dey, Edmonton (Geology)

Hee Tect Dieh, Malaysia (Statistics)

Paul Scott Dixon, Edmonton

(Survey Science)
Lorne Edward Dmitruk, Edmonton

(Physical Geography)
Ian Thoburn Dundee, British Columbia

(Psychology)
Ian James Eagles, Edmonton

(Computing Science Software Design)

Duane Russell Eitzen, St. Albert (Computing Science)

Anthony Paul Epp, British Columbia (Geology)

Edward Allan Leslie Eschak, Edmonton (Computing Science Software Design) David John Glenn Evans, Edmonton

(Psychology)
Alan Jeffrey Ewasiuk, Edmonton

(Geology)

Bruce Michael Ferguson, St. Albert (Geophysics)

Ganz Eubert Willis Ferrance, Edmonton (Psychology)

Martyn Hugh Finlay, Edmonton (Biochemistry)

Patrick John Scott Finnigan, Edmonton (Zoology)

Barry Cameron Fish, Calgary (Geophysics)

Louise Gisele Fortin, Edmonton (Zoology)

Jean-Denis Fournier, Edmonton (Geology)

Grant Peter Frame, Sherwood Park (Psychology)

Jens Peter Charles Franck, New Serepta (Genetics)

Marian Elaine Fundytus, Edmonton (Psychology)

Sadhana Kumari Guatama, British Columbia (Microbiology)

Donald James Gee, Edmonton (Geophysics)

Patricia Lynne Gibbon, Edmonton (Microbiology)

Karen Monique Goetz, Edmonton (Statistics)

Michael Louis Goodman, Edmonton (Zoology)

Brent Clifford Gorda, Mayerthorpe (Computing Science Software Design)

Sheldon Alfred Graber, Edmonton (Geology)

Harinderjit Singh Hans, Edmonton (Statistics)

Mark Blaine Hanson, Valleyview (Geography Resources Studies)

Emily Goo Hao, Edmonton (Computing Science)

Brian Richard Heslop, Calgary (Psychology)

Andrew Raines Hillson, Athabasca (Physics)

Lisa MacHiko Hiruki, Edmonton (Computing Science Scientific Comp)

Daisy Wei Bing Ho, Malaysia (Statistics)

Maureen Yuk Ling Ho, Edmonton (Computing Science Business Applications)

Karen Maureen Hobbs, Edmonton (Genetics)

Werner Otto Hörger, Edmonton (Psychology)

Douglas Leon Hogue, Edmonton (Biochemistry)

Yean Meng Hoh, Malaysia (Biochemistry)

Karen Elaine Hoover, Ponoka (Meteorology)

Jean Richard Houncaren, Edmonton (Geology)

Tanis Marie Howarth, Edmonton (Psychology)

Steven Gordon Greg Hryniw, Edmonton (Statistics)

Sherrin Frances Hushagen, Edmonton (Linguistics)

Michael William Huston, Peace River (Psychology)

Derek Olaf Iverson, Wainwright (Computing Science Software Design)

Timothy John Jaques, Calgary (Geology)

Debra Anne Nancy Kachur, Edmonton (Mathematics)

James Curtis Kalynchuk, Sherwood Park (Geology)

Denis Joseph Keroack, Edmonton (Mathematics)

Anjum Khan, Edmonton (Genetics)

Janet Madonna Teresa Kinsella, Edmonton (Zoology)

Bruce Jacob Klanke, Red Deer (Microbiology)

Brian Joseph Kozak, Edmonton (Geography)

William Ross Kushner, Grande Prairie (Geology)

Brenda Jane Kuzyk, Athabasca (Zoology)

Kwong Chi Leung, Hong Kong (Economics and Mathematics) Janet Marie la Valley, Edmonton

(Computing Science Software Design)

Darin Mark Labrenz, Edmonton (Geology)

Lam Hin Kon, Malaysia (Economics and Mathematics)

Ying Nam Lau, Edmonton (Statistics)

George Kazimierz Lebiadowski, Rocky Mountain House (Geology)

Phillip Kong-Woo Lee, Edmonton (Geophysics)

Stuart Henry Lee, Edmonton (Microbiology)

Tony Ho Keung Lee, Edmonton (Computing Science Software Design)

Yuk Ching Lee, Hong Kong (Economics and Mathematics)

Im Teng Brenda Lei, Medicine Hat (Mathematics)

Lesley Jane Lemaitre, Edmonton (Psychology)

David Leung, Hong Kong (Computing Science Business Applications)

Jerry Chap-Ying Leung, Hong Kong (Statistics)

Larry Lim Huck Theng, Calgary (Microbiology)

Jit Teom Lim, Edmonton (Zoology)

Kenny Kah-Kian Lim, Edmonton (Microbiology)

Ronald Kwong-Yu Liu, Calgary (Statistics)

Andy Chee-Yan Lo, Hong Kong (Computing Science Business Applications)

Lee Owen Lomas, Camrose (Zoology)

Lou Ting Hei, Hong Kong (Psychology)

Renie Naomie Lubert, Edmonton (Zoology)

Peter George Lui-Hing, Edmonton (Computing Science Software Design)

Jessie Sui Pik Ma, Edmonton (Microbiology)

Francis Kenneth MacDonald, Edmonton (Geology)

Peter James MacLeod, Edmonton (Statistics)

Kim Toon Mah, Edmonton (Geology)

Wayne Hong Mah, Edmonton (Computing Science Software Design)

Vinko Majkovic, Edmonton (Statistics)

Kam Wah Mak, Edmonton
(Computing Science Software Design)

Helen Mei Chun Mak, Calgary (Physics)

Josef Albert Martha, Slave Lake (Zoology)

John Lorin Maruszeczka, Edmonton (Geophysics)

Bruce Mattson, Medicine Hat (Geology)

Cheryl Edith Maughan, Edmonton (Genetics)

Robert Graham May, Edmonton (Chemistry)

Robert John McAlpine, Edmonton (Zoology)

Ross Everett McElroy, Calgary (Geology)

William Donald McGregor, Edmonton (Mathematics)

Karen Anne McIsaac, Edmonton (Geology)

Ronald Thomas McMorran, Edmonton (Economics and Mathematics)

Kent Andrew McPhee, Calgary

(Computing Science Software Design) Mark Allan Melsness, Saskatchewan

(Meteorology)

Emma Mercuri, Edmonton (Mathematics)

Jeanne Louise Meunier, Edmonton (Computing Science Software Design)

Laurel Noreen Middendorf, Barrhead (Genetics)

Stuart Angus McColl McMartin Erracht Miller, Edmonton (Zoology)

Diana Margaret Mitchell, Edmonton (Physical Geography)

Lawrence Kendall Wayne Mix, Edmonton (Microbiology)

Russell James Morrison, Calgary (Geography Resources Studies)

Patricia Joan Morrow, Edmonton (Geography)

Caroline Patricia Mueller, Edmonton (Psychology)

Dean Stefan Mulyk, Edmonton (Entomology)

Karum Murtty, St. Albert (Computing Science Software Design)

Annie Wai-Kuen Ng, Hong Kong (Statistics)

Robert Yick-Koon Ng, Edmonton (Computing Science Business Appl)

Melissa Thong Nguy, British Columbia (Computing Science Software Design)

Jocelynne Marie Nouque, Edmonton (Microbiology)

Kirby Michael O'Conner, Edmonton (Mathematics)

Dermot Augustine O'Shea, Edmonton (Geology)

Giovanni Pagliuso, Edmonton (Geology)

Donelda Louise Patriquin, Two Hills (Zoology)

Malcolm Kent Pearson, Calgary (Geology)

Wallace Gregory Pedersen, Calgary (Geology)

Michelle Marie Perras, British Columbia (Physical Geography)

Darin Craig Peters, Edmonton (Physical Geography)

Ronald Wayne Pietsch, High Level (Geography)

Kathryn Stacie Ploc, Edmonton (Mathematics)

Lynn Madeleine Podemski, Edmonton (Genetics)

Gregory Ray Pohl, Edmonton (Entomology)

Teresa Elaine Potter, Calgary (Geology)

Donald Randall Predy, Edmonton (Psychology)

David Frederick Basil Prysko, Edmonton (Mathematics)

Karen Alexia Weir Roche, Edmonton (Geology)

Savio Leandro Joaquim Rodrigues, Calgary (Geology)

Allan Raymond Roy, British Columbia (Physics)

George Rudelich, Edmonton (Computing Science Business Appl)

Jeanette Eva Marie Runions, Edmonton (Physical Geography)

Gregory Anthony Runnalls, St. Albert (Zoology)

Royal Samis, Edmonton (Physical Geography)

Balwinder Singh Samra, Edmonton (Statistics)

Michael William Sannino, Edmonton (Computing Science Software Design) Mark Walter Sawchyn, Edmonton

(Physics) Allan Shapka, Bellis

(Mathematics)

Lorn Raymond Sheehan, Grande Prairie (Zoology)

Richard James Simon, Peace River (Computing Science Software Design)

Earl Laird Smith, Edmonton (Chemistry)

Byron Peter Smyl, St. Paul (Zoology)

Sean Michael Spence, Red Deer (Geography)

Donald James Staples, Edmonton (Geology)

Patricia Therese Stark, Edmonton (Zoology)

Edward Hugh William Stewart, Edmonton (Geology)

Robert Lloyd Stewart, Edmonton (Zoology)

Kathleen Bridget Sullivan, Edmonton (Economics and Mathematics)

Paul Eugene Summers, Whitecourt (Physics)

John William Swekla, Sherwood Park (Computing Science Software Design)

Timothy John Tanasichuk, Edmonton (Mathematics)

Michael Fred Tautchin, Edmonton (Geography Resources Studies)

Patrick George Timko, Brooks (Mathematics)

Raymond Chi Chong Tong, Portugal (Computing Science Software Design)

Vinh Van Tran, Red Deer (Mathematics)

Dean Leonardo Truant, Red Deer (Geophysics)

Tse Lola Lai Fan, Hong Kong (Statistics)

Aneesha Ajit Vaidya, Edmonton (Psychology)

Heather Jean Walker, Edmonton (Geography)

Murray John Wallace, Edmonton (Psychology)

Derek George Warmington, St. Albert
(Computing Science Computer Design)

Masayuki Watanabe, Grande Cache (Mathematics)

Donald Vincent Weir, Fort Saskatchewan (Geology)

Kevin Alfred Wenzel, Fort Saskatchewan (Botany)

Barry James Westlund, Edmonton (Computing Science Scientific Comp) Ramona Florence Whyte, Edmonton

(Computing Science Software Design)

Dennis Dale Wiggill, Lethbridge (Economics and Mathematics)

Diana Joan Wilkinson, Edmonton (Psychology)

George Stuart Williams, Edmonton (Genetics)

Alexandra Joan Wishart, Edmonton (Zoology)

Earl Arnold John Wolff, Edmonton (Zoology)

Hing Lim Derek Wong, Edmonton (Statistics)

Celine Wong Siu Ling, Hong Kong (Economics and Mathematics)

Terence Yin-Jor Wong, Edmonton (Microbiology)

Nancy Nam-Si Woo, Hong Kong (Computing Science Business Appl)

Sydney William Alexander Wood, Edmonton

(Physical Geography)
Jeffrey Stuart Wright, Edmonton

(Mathematics) Murray Dean Wunderly, Sherwood Park (Geophysics)

Frances Lillian Yarbrough, Red Deer (Zoology)

Doi Chu Rochelle Yee, Hong Kong (Computing Science Business Appl)

Andy Kenmon Yun, Edmonton (Meteorology)

Peter Leslie Anthony Zaborski, Edmonton (Computing Science Software Design)

Wendell Miles Zerb, Edmonton (Geology)

## Admitted to the Degree of Bachelor of Science Four Year General

Lyle Albert Arnason, St. Albert Thomas Michael Ashby, Edmonton Katrina Johanna Bettcher, Edmonton George Melvin Cherlenko, Lethbridge Frankie John Florian, Edmonton Scott William Garden, Medicine Hat Bryce Raymond Haimila, Edmonton Elaine Anne Malkison, Edmonton Ng John Stephen Wee Yong, Malaysia Donald Roy Krouse, Calgary Catherine Ann McCurdy, Edmonton Clayton Neil Roe, Slave Lake Ronald Andrew Serna, Edmonton Domenico Spadafora, Edmonton

## Admitted to the Degree of Bachelor of Science

With Distinction

Christine Marie Carter, Red Deer Alison Elizabeth Chesney, Ponoka Ghada June Dabbagh, Fort McMurray Sarah Badar Danial, Edmonton Lawrence Leif Dombro, Edmonton Dennis Frank Filips, Edmonton Faith Michelle Gray, Edmonton Darcy Scott Handy, Spruce Grove Michael Derek Hanslip, Calgary Louise Ann Harder, Edmonton Phat Dai Hoang, Edmonton Michael James Hutchison, Edmonton Arkadiusz Norbert Jaroni, Edmonton Stephen Harrison Johnston, Edmonton Narmin Lalani, Edmonton Serena Shuk-Lan Lau, Edmonton Karin Danelle MacHnau, Edmonton Martin Aloysius Magill, Edmonton Nirmal Mehta, Edmonton Ursula Irene Richter, Edmonton Rodney Todd Skura, Edmonton Stuart Alan Swinamer, Spruce Grove Craig Duncan Von Land, Wetaskiwin Mark Darin Wartenbe, Edmonton Donald William Weber, Fort Saskatchewan Kristine Lorelei Wolski, Camrose

Shawn Donald Abbott, Edmonton Alexander James Adamson, Calgary Lorrie Raymond Edwin Agnew, Edmonton George Douglas Allen, Edmonton Samson Aragones, Edmonton Christine Louise Ashley, Calgary Ian Joseph Atkinson, Edmonton Auby Howard Axler, Edmonton James John Babiuk, Edmonton Jeffrey Marlin Babiuk, Edmonton Michelle Dawn Banasch, Edmonton Karen Lynn Bennett, Edmonton Scott Michael Bennett, Edmonton Robert William Bilko, Edmonton David Joseph Bittman, Edmonton Peter James Blackwell, Edmonton Sheila Marie Bokenfohr, St. Albert John Ferreira Borges, Edmonton Robert Shane Bosetti, Edmonton Sean Martin Brett, Edmonton Eric George Burnett, Sherwood Park Darroch Gordon Campbell, Lethbridge Karen Louise Cardiff, British Columbia Dennis Harrison Caufield, Edmonton Jacqueline Stella Chalifoux, Edmonton Arthur William Chan, Edmonton Louise Chui Shan Chan, Edmonton Alexander Shiu-Cho Chau, Wetaskiwin Phil Chin, Edmonton Gordon Robert Choate, Edmonton Micheal Patrick Clark, Edmonton Donald Allan Colter, Edmonton Kenneth George Costea, Ontario Bryan Douglas Crawford, Edmonton Albert Santos Cruz, Edmonton Richard Brian Dahl, Edmonton Dwight Dana Danelesko, Edmonton

Raju Thottalil Daniel, Edmonton Timothy Martin Davis, Edmonton Patricia Anne Demchuk, Calgary Jerrold Lyon Diamond, Calgary Stathis Dimopoulos, Edmonton Darryl Scott Doan, Edmonton William John Doherty, Wetaskiwin Dale Kendall Dorosh, Edmonton Kelly Marie Dunn, Red Deer Elizabeth Audrey Edmunds, Calgary Frank Otto Eichmann, Edmonton Sheila Coral Enns, Saskatchewan Mark Edward Enright, Edmonton Kevin Michael Erker, Edmonton Glenn Richard Fedirko, Leduc David Simon Feist, Saskatchewan David Scott Fielhaber, Edmonton Diane Lois Fischer, Edmonton Daniel Casey Fisher, Edmonton Darryl Daniel Forester, Camrose David Charles Fremit, Calgary Lai Kuen Fung, Edmonton Boris Frank Grisonich, Medicine Hat Michael James Gross, Pincher Creek Lisa Maureen Gurr, Calgary Bradley John Hagan, Edmonton Milos Dimitrij Hajek, Edmonton Paul Toy Hall, Lethbridge Janis Dawn Hamilton, Edmonton Kim Rosemarie Ester Hammond, Edmonton Gordon Gary Hankinson, Sherwood Park Anastasios Hantzinikolos, Edmonton Lyle Richard Hare, Calgary Richard Harley, Edmonton Scott William Harris, Lethbridge Derek Roy Hatch, Red Deer

Anthony Michael John Hawrylechko, Edmonton John Brent Haylock, Edmonton David Charles Herbert, Sherwood Park Kirby Paul Hewko, Fort Saskatchewan Ian David Hillerud, Edmonton Ho Wan Kit, Malaysia Sharon Lynn Hoogenberg, Sherwood Park William Stuart Houston, Edmonton Wayne Robert Hoyle, Ma-me-o Beach Meriel Jane Hughes, Edmonton Sunny Shu-Sum Ip, Edmonton Garth Allan Irvine, Leduc Shelina Jaffer, Edmonton Ralph Carter Jaglalsingh, Edmonton Ravinder Singh Jandu, Edmonton Sean Patrick Janzen, Edmonton Rosemin Rahim Javer, Calgary Christopher David Jerke, Edmonton Heather Grende Michelle Jerrard,

Grande Prairie Wesley Earl Johnson, Edmonton Debora Lynn Jones, Sherwood Park Grace Kachkar, Edmonton Jehangir Ashraf Kahlon, Edmonton Ralf Peter Kaiser, Fort Saskatchewan Joseph Francis Kasper, Edmonton Terri-Lynn Keown, Thorhild Glenn David Kiil, Edmonton Peter Joon-Sok Kim, Calgary Marilyn Anne Kinsman, Edmonton Kevin Andrew Klassen, Edmonton Andrea Lynn Kluck, Edmonton Darren James Kluthe, St. Albert Jacqueline Marie Knievel, Peace River Gerald Kwai-Sun Ko, Hong Kong Mark Edward Koebel, Edson Alfred Swee-Jin Kong, Edmonton Wesley Stephen Kozak, Fort Saskatchewan Andrea Louise Kross, Sherwood Park Gladys Tze Fun Ku, Edmonton Kusmu Mulugheta, Edmonton Gregory John Kusyk, Edmonton William Pui Sing Kwok, Ontario Leanne Marie Lauder, Edmonton Douglas James Leaf, Edmonton Edmond Lee, Ontario Hui Kiat Lee, Brunei Jeffrey Andrew Lee, Leduc Linda Cathy Lee, Banff Philip Chi Shing Lee, Hong Kong Rodney Mervin Lee, Edmonton Lee Tze Kheong, Malaysia Robert Michael Lekivetz, Edmonton Adrienne Alice Leversedge, Edmonton Joe Sheung Ming Li, Edmonton Kelvin Alex Lien, Edmonton Gary Wing-Cheung Lo, Edmonton

David Richard Lock, Grande Prairie James Stephen MacKinnon, Edmonton Karen Sue-Lai Mah, Edmonton Deviani Maher, Canmore Leslie Ann Marcuk, Edmonton Abigail Allison Marshall, Edmonton Marilou Michelle Martin, Edmonton Joy Maru, Edmonton Brian George Maughan, Edmonton Robert Steven McCarthy, Edmonton Jay Douglas McFarlane, Edmonton Paula McGarrigle, St. Albert Gordon Allan McLachlin, Edmonton Jeffrey James McVeigh, Edmonton Robert Gordon Miller, Edmonton Denise Ann Mills, Red Deer Lyle Rodney Moltzan, Drayton Valley Seelan Naidu, Edmonton Surendra Narayan, Sherwood Park Ngo Wei Chaun David, Singapore Ken Michael Oberg, St. Albert Kevin Paul Oczkowski, Calgary Gregory Bruce Olsen, Cardston Evelyn Helga Onderka Leclair, Fort Saskatchewan

Darrell Mitchell Opper, Edmonton Todd Donald Owre, Edmonton Sudhir Kumar Padmanabhan, Edmonton Patricia Lynn Palmer, Fox Creek Lucia Hyun Joo Park, Edmonton Holly Ann Parker, St. Albert Robert John Pastushak, Edmonton Myron John Pilip, Edmonton Donald Vernon Pinckston, Edmonton Troy Gerald Pinsonneault, Cold Lake Ian Gregory Piwek, British Columbia Jeffrey Donald Podgurny, Calgary Cynthia Dawn Pokrant, Stony Plain Gregory Ronald Ponich, Edmonton Ping Fai Poon, Hong Kong Sheryl Lynn Prescott, Edmonton Taranjit Purewal, Edmonton Allan Ronald Rachinski, Glendon Brian John Rae, Edmonton Vincenzo Reda, Edmonton Elena Rocco, Edmonton Phillip Anthony Roque, British Columbia Rhonda Kimberley Rudnitski, Edmonton James Byron Rutley, Edmonton Howard Donald Ruttan, Fort Saskatchewan Leslie Ann Sadownik, Edmonton Paul Robert Sali, Wetaskiwin Allan Timothy Sandulak, Edmonton Christopher Curtis Schneider, Edmonton Thomas John Schroeder, Sherwood Park Mary Margaret Dixon, Edmonton Robert Melvin Shaw, Calgary Timothy Todd Shipanoff, St. Albert

David Keith Shortt, Edmonton Robyn Leslie Shortt, Fort McMurray Kamal Kuar Singh, Fiji Islands Peter William Skretting, Camrose John Douglas Smith, Sherwood Park Angela Kyoung Son, Edmonton Christopher James Spillios, Edmonton Douglas Ian Sraega, Grand Centre Julie Anna Steciw, British Columbia Dena Luann Stockburger, Medicine Hat Igor Styk, Calgary Todd Michael Sumner, Edmonton Darrell Clarence Swenson, Edmonton Nobuko Michele Tajiri, Lethbridge Kwok Hong Tam, Hong Kong Ai Furn Judy Tan, Malaysia Lori Ann Tarnowski, Grande Prairie Guat Moi Teow, Calgary Derrick Bruce Toporowski, Westlock Karen Gay Trotter, St. Albert Yuka Tsukioka, Japan Claudius Dominic Tucker, Edmonton Darrell Joseph Uhryn, Edmonton Janice Laureen Ulan, Edmonton Susan Dawn Underwood, Edmonton Christie Jacob Varughese, Malaysia Charles Marcellus Vethanayagam, Edmonton Shairose Sherali Virji, Edmonton Loren Harvey Visscher, Edmonton Todd Voigt, Edmonton James Dirk Vos, Edmonton Walter Robert Walker, Westlock Lorne Wasylucha, Fort Saskatchewan Derek Ned Waterman, Edmonton Glen Walter Weeks, Edmonton Ian Francis Whifield, Edmonton Shelley Angela Williamson, Edmonton John James Willson, Edmonton Mark Norman Wilson, Edmonton Fung-Yuen Wong, Hong Kong Harry Wong, Edmonton Joseph Yeung-Lim Wong, Calgary Kenneth Wai Yun Wong, Calgary Wai-Cheong Raymond Wong, Calgary William Wong, Edmonton Yau Ming Aloysius Wong, Edmonton Blair Gordon Wotherspoon, Edmonton Damon Kee-Wai Wu, Edmonton Yeo Yaw Hua Peter, Malaysia George Bradley Young, Stony Plain Roy James Zenke, Edmonton Carmen Elizabeth Zepeda, El Salvador Patricia Ann Zurowsky, Edmonton

### Admitted to the Degree of Bachelor of Science in Chemical Engineering

Graduates presented by Professor F.D. Otto, Dean of the Faculty of Engineering and Professor C.E. Capjack, Asociate Dean of the Faculty of Engineering

With Distinction

Rocelle Roberta Hanna, Sherwood Park Caroline Louis Hyndman, Edmonton Kun-Yu Kwok, Edmonton Lau Kam Chuen Eric, Hong Kong Connie Marie Robinson, Sherwood Park Yan Sung Yiu, Hong Kong

Bryan Charles Bradley, Sherwood Park
William Glen Campbell, Edmonton
Robert John Causgrove, Red Deer
Harold Ping Tsun Chan, Calgary
James Leslie Edgar Coles, Calgary
Christopher Glenn Friesen, Saskatchewan
Curtis William Gyte, Edmonton
Craig Francis Hruska, Stettler
Kenneth Andrew Johnson, British Columbia
David Michael Karasiuk, British Columbia
Michael Lawrence Konwicki, Sherwood Park
Edward Allan Koshka, Edmonton

William Choi Sing Lam, Edmonton Wai Peng Ler, Malaysia Ruth Edwina Reminsky, Edmonton Harley Jan Schreiber, Medicine Hat Jimmy Wayne Schubert, Edmonton Donald William Shapko, Edmonton Karen Marie Simms, Edmonton Robert Alan Simms, Ontario James Kendall Stevenson, Calgary Lyle Clifton Trytten, Edmonton Michael Paul Wagner, St. Albert

# Admitted to the Degree of Bachelor of Science in Chemical Engineering Co-operative Program

With Distinction

Daw Samar, Edmonton Michael Hugh Taylor, Edmonton

Robert Leslie Chomyc, Vermilion Sandra Jean Cloake, Peace River Karen Margaret Draves, Red Deer Neil Robert Hamilton, Olds Stephen Robert Loucks, Edmonton Kenneth Peter Moen, Red Deer Cameron Thane Waldie, Sherwood Park Chung Han Wong, Malaysia

#### Admitted to the Degree of Bachelor of Science in Civil Engineering

With Dinstinction

Terrence Anton Baumber, Edmonton
Scott Bruce Donald, Edmonton
Gordon Allan Johnston, Sherwood Park
Samuel Chi Cheuk Lau, Hong Kong
Stuart Alexander Dean McCormick, Edmonton
Michael George Redshaw, Northwest Territories
Bruce Dale Sonnenberg, Edmonton
Palanimuthu Sundararaj, Edmonton
Michael Gerard Zemanek, Red Deer

Camilla Akhtar Alikhan, Ontario Mark Allen Bellamy, Lethbridge Albert Biel, Edmonton Michael Stephen Boothby, Edmonton Gordon Allan Cebryk, Edmonton Tomson Hong-Shun Chan, Hong Kong Horace Chan, Edmonton Chan Wai Hon Anselm, Hong Kong Botel Man-Fai Chiu, Hong Kong Chow Kam Fai Thomas, Hong Kong Chu Daniel, Hong Kong Douglas Achilles Cimolai, Edmonton Robert Cameron Cook, Edmonton Giovanni Di Pietro, Edmonton Troy Dickson, Lethbridge Paul Albert Joseph Dufault, British Columbia Hesham Waleed Elfar, Edmonton

Hesham Waleed Elfar, Edmonton
Roderick Micheal Facey, Ontario
Janis Lois Fong, Edmonton
John Laird Foster, Edmonton
Kenneth Joseph Galm, Alliance
Edmond Gee, Edmonton
Barry Len Goy, Sherwood Park
Bernard Alexander Haley, Edmonton
Udomdej Kriangkum, Medicine Hat
Nasir Tajdin Habib Kurji, Kenya

Alan Joseph Lang, Edmonton Todd Wing-Fai Leung, Hong Kong Mark Joel Loberg, Grande Prairie Brian Calvin MacLellan, St. Albert Gary Kenneth Mah, Edmonton Kevin Larry Metcalfe, Red Deer Richard Sanderson Morley, Spruce Grove John Keith Nelson, Edmonton Gregory Paul Neutzling, Edmonton Alan Robert Newcombe, Edmonton Joseph Matthew Paccagnan, Sherwood Park Walter Thomas Payne, British Columbia Barry John Pfau, Edmonton Derrick Wade Ploof, Edmonton Duane Frederick Pointkoski, Sherwood Park Darcy Wayne Pretula, Edmonton Marc Antony Roberts, Edmonton Ronald Alexander Sadesky, Edmonton Richard Dean Shore, Edmonton Clement Chi Veng Sio, Medicine Hat Thomas Earl Staples, Edmonton Curtis Robert Treen, Edmonton David Andrew Tupper, Edmonton James Reed Wood, Edmonton Ted Chuen Yu, Grande Prairie Dusan Thomas Zachystal, Edmonton

# Admitted to the Degree of Bachelor of Science in Civil Engineering Co-operative Program

With Distinction

Grant Edward Cirka, Edmonton Michael Frederick Hill, Calgary Imtiaz Khan, Edmonton Desmond Williamson, Edmonton

Darrell Kirk Axani, Grande Centre Edward Joseph Bereznicki, Edmonton Marc Clement Chiasson, St. Albert Carrie Chia-Li Chung, St. Albert Sang Ha, Edmonton Adrienne Diane Long, Edmonton Lawrence Joseph MacDonald, Sherwood Park Eldon Dean Martin, Calgary Marlene May Martz, Edmonton Robert Clyde Patrick Mollard, Saskatchewan Richard Glen Morrissey, Edmonton Robert Darrell Norton, Edmonton Gary Guy Sasseville, Edmonton John David Sorlie, Edmonton Patrick Harrison Sprague, Edmonton David Kin Kuen Tsui, Edmonton Harold Christopher Westerman, Edmonton

#### Admitted to the Degree of Bachelor of Science in Computer Engineering

With Distinction

Chau Yim Han, Hong Kong Kevin John Erler, Edmonton Eric Daniel Fredine, Didsbury Ellery Charles Lew, Edmonton Billy Ying Hung Mak, Calgary Trevor Charles May, Edmonton Emilian Stephen Ochotta, Edmonton Anil Kumar Trikha, Edmonton

Loren Curtis Andruko, Edmonton Brent Ralph Carlson, Edmonton Wally Chan, Edmonton Chiu Kwok Poon, Hong Kong Robert Thomas Clarke, Edmonton Lucien Cloutier, Edmonton Sigong The-Quang Ho, Calgary David Edward Howorko, St. Albert Richard James Isaac, Sherwood Park Tony Manhei Lam, Hong Kong Keith Wing Lok Lau, Hong Kong Lau Mei-Yuk, Edmonton

Van Quoc Luu, Calgary
Philip Kevin Manson, Sherwood Park
Gordon John Meeberg, British Columbia
Donald David Scott, Edmonton
John Michael St. George, Edmonton
Carman David Taschuk, Edmonton
Guy Michael Trotter, Red Deer
Darren Duane Varney, Yukon Territory
Pamela Mae Wagers, Innisfail
Allan Morgan Bradley Williams, Edmonton
Kacheong Russell Yeung, Edmonton

## Admitted to the Degree of Bachelor of Science in Electrical Engineering

With Distinction

Thomas Daniel Armand Bilodeau, Edmonton Daryl David Coutts, Edmonton Neil Peter Hansen, Grande Centre Lai Man-Chiu, Hong Kong Martin Michael Micko, Edmonton Michael Peter Nachai, Edmonton Andrew Mark Prystajecky, Edmonton Shen Young Fei Andy, Hong Kong Pushp Kumar Trikha, Edmonton

Kimberley Dawn Adams, Fort Saskatchewan Dale Richard Akitt, Edmonton Raydan Fares Aridi, Smokey Lake Wilfred Herman Behr, Edmonton Victor Emile Benoit, Edmonton Javed Aslam Bhatti, Edmonton Dietmar Bloedorn, St. Albert Courtney Robert Channon, Edmonton Kenneth Patrick Charlebois, Edmonton Vincent Kwan-Ho Chen, Edmonton Richard Anthony Chin, British Columbia Tak Ming Chiu, Edmonton Choy Victor Yiu Hung, Edmonton Chua Tze Wei, Ontario Darren Christopher Day, Edmonton Ted John Fafrowicz, British Columbia Elaine Margaret Faulkner, Edmonton James Russell Fitzowich, Thorsby John Andrew Gavin Fleming, Edmonton Katherine Shun Ching Fung, Hong Kong Kurt Robert Gehmlich, Edmonton Andrew Richard Green, Lethbridge Jeffrey Hao, Edmonton Damjan Radovan Jocic, Sherwood Park David Walter Kachorowski, Edmonton Lorraine Ann Kiel, Edmonton Douglas William Kobylanski, Edmonton Kenn Kounosu, Lethbridge Lee Edmund Kruszewski, Benjamin Lam, Hinton Eric Engberg Lassen, Ponoka Victor Hon Kit Lee, Edmonton Brian Shui-Kei Leung, Sherwood Park Tak Hoi Leung, Hong Kong Philip Ping-Pang Ma, Edmonton Mah Ernest Moon, British Columbia Marjorie Sue Mah, Edmonton

Irwin Roy Benjamin Maier, Edmonton Kent Douglas Martin, Sherwood Park Lee George Martineau, Red Deer Trevor Carl Monson, Edmonton Sean Patrick Murray, Edmonton Douglas Herman Olsen, Manitoba Stuart Wesley Olsen, Lloydminster Brian Joseph Olson, Edmonton Lorne Leonard Olson, Edmonton Daniel Curtis Orydzuk, Edmonton Paul Peter Pastushak, Edmonton Wilfred Edgar Popke, Edmonton Joseph Cleophas Prefontaine, Edmonton Mary Helen Reyers, British Columbia Daniel John Risdon, Calgary Gregory Gabriel Rosychuk, Redwater Amir Houssein Rouhi, Red Deer Michael Ernest Roy, Edmonton Roland Henry Schaefer, Edmonton Doron Schaffer, Edmonton Leon Stanley Sebek, Edmonton Christopher Vireindra Sellathamby, Michael Ernest Shewchuk, Edmonton Ronald Starman, Mayerthorpe Robert William Steele, Edmonton Brent Steinley, Cardston Mitchell Lawrence Stoddard, Edmonton Michael Joseph Szelewicki, Edmonton Teo Ho Kiam, Malaysia Paul Van Brunschot, Edmonton Kim Vu, Edmonton

Admitted to the Degree of Bachelor of Science in Electrical Engineering Co-operative Program

With Distinction

Matthew Douglas Brown, Edmonton Blair Melvin Cain, Medicine Hat Gavin Keith Miller, Edmonton Sean William Scotvold, Edmonton

Peter Almiro Bertolini, Edmonton Stephen David Dunn, Sherwood Park Brian Nels Ellestad, Edmonton

Salman Faruq Ghufran, Edmonton Andrew Douglas Kemp, Edmonton Gerald Bruce Papworth, Lethbridge

Roman Walther, Edmonton

Charles Craig West, Red Deer

Brent Robert Zimmer, Camrose Michael John Zukiwsky, Edmonton

### Admitted to the Degree of Bachelor of Science in Mechanical Engineering

With Distinction

Choy Dennis Chung Wah, Hong Kong Larry Andrew Doskoch, Edmonton Jody Douglas Kirchner, Leduc Jeffrey Francis Kirdeikis, Edmonton John Chikara Koyanagi, Calgary

Au Ivan Chung-Sing, Hong Kong Matthew Lars Babicki, British Columbia John Timothy Baker, Edmonton Martin Lawrence Barnes, Cold Lake Bradley Rene Berteau, Edmonton Gordon Edwin Brailean, Edmonton Paul Edward Broska, Rocky Mountain House Cheng Yun King, Hong Kong Cheung King-Wah Maria, Hong Kong David Bruce Clark, Edmonton Todd Harvey Cole, Calgary Robert John Coulthard, Edmonton Mark George Daugela, Vermilion Ross Francis Devine, Edmonton Quyet Quang Dinh, Edmonton Richard Michael Drozdowski, Edmonton Fong Chi-Chuen Clement, Hong Kong Thomas Joseph Clayborne Fontaine, Stettler Trevor John Grams, Edmonton Stacey Veleda Hassard, Edmonton Travis Ian Henkel, Edmonton Cornelis Johannes Hoekstra, Edmonton Michael John Keleher, Edmonton Douglas William Kinnaird, Barrhead Michael Franz Kuntscher, Edmonton Clinton Scott Laidlaw, Tofield Paul Eric Lange, Edmonton Ronald William King Mar, Red Deer Martin Gregory McCall, Edmonton

Rey Emilio Mendoza, Fox Creek Richard Andre Meunier, Busby Roger Patrick Moore, St. Albert Edson Ng, British Columbia Wilson Ng, British Columbia Bernard Lloyd Nielsen, Calgary Kent George Nikel, Edmonton Darcy Paul Otis, Pincher Creek Todd Michael Parker, Edmonton Lynda Marlene Paton, Calgary Alexander John Patterson, Calgary Robert Breton Peach, Calgary Benjamin Morrison Pettit, British Columbia David Kenneth Pickrell, Edmonton Stephen Chi Sing Poon, Hong Kong Shaffiq Rajan, British Columbia Douglas Ross Rees, Edmonton Warren Michael Sadoway, Smokey Lake Patrick Mark Samoil, Edmonton Gregory Donald Schlachter, Calgary Michael Patrick Sheehan, Grande Prairie John Frederick Simpkin, Edmonton Hugh Roger Smith, Edmonton Michael Statters, Drayton Valley Tam Wai Zee Patrick, Ontario Grant Kenneth Thornton, Sherwood Park Martin Vydra, Fort Saskatchewan Ernest Alan Wilson, Edmonton Yeo Siaw Hua Jerome, Malaysia

Admitted to the Degree of Bachelor of Science in Mechanical Engineering Co-operative Program

With Distinction

David Bruce Burgess, Calgary John Fee Mah, Lethbridge

Susan Patricia Ancel, Edmonton
Marian Margaret Jeanette Bosch, Edmonton
Lorne Richard Brown,Edmonton
Sheila Joan Buckle, Edson
David John Daren, Edmonton
Gordon Douglas Engel, Edmonton
Leonard Ralph Grzyb, Drayton Valley
Mark Clode Hughes, Edmonton
Steven Manfred John, Barrhead

Thomas Joseph Nyamekye Kuelker,
Didsbury
Helene Marie Elisabeth Lefebvre, Edmonton
Stephen Jonathan Marsden, Edmonton
Aaron Adam Schlinker, Edmonton
Carol Ann Scott, Red Deer
William Smy, Edmonton
Dennis Wiun, Edmonton.
Gerald Paul Zurek, Thorsby

## Admitted to the Degree of Bachelor of Science in Metallurgical Engineering

With Distinction

Gregory Shane Whiting, British Columbia

Stefano Philip Chiovelli, Edmonton Kevin William Giebelhaus, Camrose Dean Stewart Hansen, Medicine Hat Denise Lamy, Edmonton Simon Richard Orrell, St. Albert Mahmood Masoomali Rabi, Edmonton Charles Allan Stuart, British Columbia

Admitted to the Degree of Bachelor of Science in Metallurgical Engineering Co-operative Program

With Distinction

Steven Bruce Young, Edmonton

Admitted to the Degree of Bachelor of Science in Mineral Process Engineering

Darin Michael Lee, Edmonton James Arthur Rappel, Edmonton Robert Albert Seddon, Edmonton

Admitted to the Degree of Bachelor of Science in Mining Engineering

Kent Toxvard Christensen, British Columbia Curtis Edgar Coates, Edmonton Dag Hellmuth Kullmann, British Columbia Cheryl Lee Vatter, Drayton Valley Robert Carl Whipple, Edmonton Anne Marie Willott, St. Albert

Admitted to the Degree of Bachelor of Science in Mining Engineering Co-operative Program

Willemijn Helena Maria Beurskens, British Columbia Clinton Bernhardt Dietze, Quebec Bradley Robert Johnston, Manitoba John Dean Krauss, Sherwood Park Wayne Nolan Lidkea, Leduc Grant Alexander Stewart, British Columbia Michael Roy Young, Edmonton

Admitted to the Degree of Bachelor of Science in Petroleum Engineering

With Distinction

Harold John Janz, Coaldale Robert James Paul, Calgary

Brian Herbert Blattler, Lacombe James Frederick Chernyk, Edmonton Kim Stephen Desante, Edmonton Allan Michael Dolynny, Edmonton Steven Blair Dyer, Edmonton Royal Brent Edmondson, British Columbia Mark Stewart Ertman, Leduc Barton Derwin Frauenfeld, Edmonton Julie Ann Kelso, Edmonton Mark Andreas Hartmann, Edmonton Jeffrey Scott Johnston, Edmonton Tony Kim, British Columbia Stephen Neil Knopp, Leduc Murray Neil Larkins, St. Albert Stuart William McConkey, Bonnyville Carol Lynn Mulyk, Edmonton Kevin Paul Phillips, Edmonton Craig Stephen Popoff, St. Albert Kimett Harry Rowell, Calgary Blair Frank Sackney, Edmonton Roger David Sakatch, Calgary Kenneth Frank Schuldhaus, Edmonton Glenn Hallid Simpson, Calgary Diane Lynn Sinclair, Edmonton Dario Joseph Stemberger, Vegreville Cliff Leroy Sutherland, Barrhead Barry Dale Throness, Grande Prairie Ting Hee Tech, Edmonton Geoffrey Harold Whitehouse, Bashaw

Admitted to the Degree of Bachelor of Science in Petroleum Engineering Co-operative Program

Katherine Anne Crerar, Banff Dwight John Dracek, Red Deer Alan David Gourlay, Calgary Ian Stewart Langdon, Grande Prairie Robert Wolfgang Pfriem, Edmonton Henry Schultz, Monarch

Admitted to the Degree of Bachelor of Science in Engineering Physics

With Distinction

Atsushi Mark Takahashi, Edmonton

Admitted to the Degree of Bachelor of Science in Agricultural Engineering

Graduates presented by Professor R.T. Berg, Dean of the Faculty of Agriculture and Forestry

Gordon Samuel Cook, Lethbridge Juliana Kit Wei Ding, Australia Shawn Ross Elgert, Fawcett David Neil Hrasko, Edmonton Keith William Johnston, Saskatchewan Francis Peter Kloster, Edmonton John Michael Kloster, Edmonton Eric Culver Lund, Edmonton James Josiah Manuel, Innisfail
Dale Robert Milne, Marwayne
Christine Jennifer Payne, Edmonton
Michael Robert Richards, Red Deer
Harry John Schoorlemmer, Rycroft
Wayne Michael Wasylciw, Edmonton
Karen Marie Yakimishyn, Edmonton
Manfred Zabel, Fort Saskatchewan

Admitted to the Degree of Bachelor of Science in Agriculture

With Distinction

Brent Garnet Altwasser, Brooks
Richard Allan Baerg, Edmonton
Sheena Ann Bull, British Columbia
Maxine Rae Cameron, Calgary
Elizabeth Anne Dovey, Didsbury
Andrew Henry Eberl, Claresholm
Karen Leslie Haugen-Kozyra, Edmonton
Christina Denise Hecht, Fort Saskatchewan
Gregory Mark Jeffers, Calgary
Thomas Anthony Moody, Saskatchewan
Darrell Robert Peterson, Edmonton
Siobhan Mairi Smith, Edmonton
Maxine Gwen Sudol, British Columbia
Marilyn Karen Sware, Camrose
Lauren Lisa Tuyl, Manitoba

Denis Thomas Beaulieu, Peace River John Gerald Bennett, Spring Coulee Leon Earl Benoit, Mannville Katie Elizabeth Oppen Benschop, Edmonton Angela Maria Bork, Fort Saskatchewan Gary Lyndon Braithwaite, Edmonton Wayne William Brook, Lacombe Edward William Brouwer, Red Deer Grant Patrick Budgeon, Crossfield Colleen Rae Clague, Peace River Dwight Evan Cole, Coronation Alyson Sigridur Mary Comack, Manitoba Bonnie Jean Cumming, Edmonton Billy Allan Dietrich, Heisler Leslie Anne Ellison, Edmonton Mark Dougald Fawcett, Lacombe Joyce Elda Greenfield, High River Nicholas Paul Grygus, Grassland Hilary Ruth Hahn, Olds Robert John Halko, British Columbia Karen Cordella Harrington, Peace River Jeffrey Charles Helland, Calgary Dorothy Irwin, Edmonton Freeman Brian Iwasiuk, Lac la Biche Eric Volckmar Johnson, St. Albert Margaret Johnson, Olds Patrick Gary Keane, Edmonton Shelley Lynn Kingsep, Calgary Peter Michael Mark Kirylchuk, Lac la Biche Roderick Malcolm Klumph, Edmonton Derkjan Willem Koppe, Calgary Marshall Leo Kostiuk, Fort Saskatchewan

Peter Andrew Kuperis, Barrhead Andrew Chesilut Lagat, Kenya Christopher Charles Laisnez, Big Valley Armand Joseph Philippe Lavoie, Peace River Marcel Donat Lemire, Peace River Han Kan Vincent Lee, Edmonton Grant Dale Lucas, Calgary Karen Brenda Mann, Red Deer Elizabeth Jean McNaughtan, Didsbury Thomas Scott Messier, Edmonton Jeffrey Earl Milang, Camrose Richard Paul Newton, Calgary Allan Thomas Nisbet, Edmonton Koert Oosterhuis, Netherlands Owen David Payeur, Spirit River Rhonda Lea Penny, Edmonton Fiona Jane Salkie, Edmonton Cameron John Schmitt, Milk River Bernard Schoorlemmer, Rycroft Wilf Schoorlemmer, Grande Prairie Raymond Jasper Schraa, Edmonton Carol Elaine Bancroft Senz, Edmonton Dennis Steven Serna, Two Hills Wayne Grant Shuttleworth, Balzac Charlotte Mae Smith, Edmonton Gregory Douglas Walden Smith, Edmonton Philip John Van Bergen, Fairview Dieter Werner Von Meer, Edmonton Marvin Stephen Worobec, Cherhill Walter Wilfred Wrubleski, Leduc Kevin Stewart Zaychuk, Edmonton

## Admitted to the Degree of Bachelor of Science in Food Science

With Distinction

Heather Marie Burton, Edmonton Robert David Neil Hansen, Sedgewick Tiang Hoon Tammy Hoi, Singapore Lucie Marie-Yvette Premont, Quebec Tineke Harmanna Veenstra, Red Deer

Alan Kin Kwok Chan, Hong Kong Edward James Chell, Edmonton Caroline Soo Chung, Edmonton Myrna Doreen Gebers, Calgary Erich Herchen, Edmonton Angela Chui-Yi Leung, Hong Kong Ben Ming-Hin Yue, Edmonton

## Admitted to the Degree of Bachelor of Science in Forestry

With Distinction

Brett Miles Gellner, Saskatchewan Paul Joseph Hostin, United States of America Glen Timothy Hvenegaard, Standard Christine Helga Kreibom, Edmonton

#### Ross Edward Graham Mitchell, Edmonton Kim Charles Young, British Columbia

Eric David Anderson,
Terry Kim Anderson,
William Lyle Badger,
Allan Wesley Benson,
David Allen Beranek,
Katherine Anne Bobey,
Mike Bokalo,
Donald Grant Brimacombe,
Peter Anthony Cherniawsky,
Albert Ciesielski,
Mark Richard Costello,
Mark Richard Costello,
Calgary
(Awarded Posthumously)

(Awarded Posthumously)
Leonard Bruce Eddy, Nanton
Edward Vincent Friesen, Lacombe
Gordon Robert Goodwin, British Columbia
Penny Ann Hendricks, British Columbia
Brenda May Hopkin, Edmonton
Billy John Hoskin, British Columbia
Rory Darin Hromadnik, British Columbia
Griffin Jones, British Columbia

Richard Leslie Jones, British Columbia David Wray Kent, Edmonton Michael Yee-Chang Lok, Malaysia Sandra Yin Mah, Camrose Russell Patrick Martin, Sherwood Park Darrell Keith Misner, Eckville Andrew Anthony Neigel, Edmonton Joe Frank Niederleitner, Edmonton Lawrence Martin O'brien, Banff Gary Douglas Page, British Columbia Daniel Harold Peterson, Calgary John Brian Quinn, Medicine Hat Michael Shannon Quinn, Calgary Stephen Jan Roberts, Edmonton Brent William Seely, Calgary John Anthony Smit, Edmonton Darrell Robert Smith, Red Deer Douglas Blake Stewart, Calgary Richard Dale Stewart, British Columbia Harry Erwin Ullrich, Edmonton John Walter Witham, Saskatchewan

## Certificates

The following graduates who were previously awarded the general Degree of Bachelor of Science has now completed further work and possess the equivalent of the requirements for the Degree of Bachelor of Science with Honors. These graduates do not attend Convocation.

Kenneth John Ernest Vos, Sherwood Park (Physics)

The following graduates who were previously awarded the general Degree of Bachelor of Science have now completed further work and possess the equivalent of the requirements for the Degree of Bachelor of Science with Specialization. These graduates do not attend Convocation.

Gordon Robert Alton, Fort Saskatchewan (Chemistry)

Stewart Brent Bowerman, Camrose (Geology)

David Ian Campbell, Wetaskiwin (Computing Science Software Design)

Wilfred Yeuk Tin Chiu, Hong Kong (Psychology)

Dennis Edward Dudley, Edmonton (Meteorology)

Junaid Anwer Hossain, Edmonton (Computing Science Software Design)

David Anthony Lyder, Edmonton (Physics)

Pura Sadili MacApagal, Manitoba (Meteorology)

Ewen Robert Nelson, Edmonton (Computing Science Software Design)

Carol Janine Schuurmans, Edmonton (Microbiology)

Stanley Norman Udey, Edmonton (Computing Science Software Design)

Kenneth James Warman, Edmonton (Psychology)

David Edwin Welsh, Edmonton (Microbiology)

Trevor Seung Lung Yuen, Hong Kong (Computing Science Software Design)

# Honorary Degree Recipient



John Poole is an Edmonton businessman and engineer. After completing a Bachelor of Science in Civil Engineering at this University, Mr. Poole and his brother established Poole Construction Ltd. which is now PCL Construction Ltd. From 1948 to 1977, the brothers headed the company which has become one of the foremost general contractors in Canada. Their list of achievements includes the erection of major buildings and entire townsites, airports, highways and industrial plants, in addition to pioneering arctic exploration.

A founder of Oxford Development Group, a leading commercial developer in Canada, Mr. Poole is a director of the Alberta Venture Fund, The Toronto Dominion Bank, Shaw Cable Systems Ltd. and Suncor Ltd. He is an associate of the Devonian Group of Charitable Foundations, a member of both the Engineering Institute of Canada and APEGGA, and a trustee of the Pearson College of the Pacific. He is past Governor of the Glenbow Alberta Institute and the Banff Centre, and he was a council member of the Duke of Edinburgh's Commonwealth Study Conference in 1980.

The Senate is donating a volume to the Bruce Peel Special Collections Library to commemorate the awarding of the honorary degree to John Poole.

# Honorary Degree Recipient



A. Ernest Pallister is a native Edmontonian and alumnus of our University. He was one of the early pioneers in the Alberta geophysical industry and developed many new techniques and concepts. To recognize his contributions to the oil industry, Dr. Pallister was named "Oilman of the Year" in 1970. He established his own consulting firm which continues to provide expertise to various areas of the oil industry in Alberta and across Canada. Dr. Pallister is familiar with the frontier exploration in Canada's north through his involvement with and former chairing of the Centre for Cold Ocean Resources Engineering (C-CORE) in Newfoundland. He currently chairs the Centre for Frontier Engineering Research (C-FER) which he helped to found.

Dr. Pallister was instrumental in the establishment of the Veterinary Infectious Disease Organization (VIDO) at the University of Saskatchewan. He sits as an associate of the Devonian Group of Charitable Foundations, has served as a Director and Vice-Chair of the Banff School of Advanced Management and as a director of several organizations including the Arctic Institute of North America. Most recently, Dr. Pallister was a consultant to the Newfoundland commission investigating the Ocean Ranger disaster.

The Senate is donating a volume to the Bruce Peel Special Collections Library to commemorate the awarding of the honorary degree to Dr. Pallister.

# Academic Standing

## **Degrees with Honors**

Degrees with Honors are awarded in two classes, First Class Honors and Honors, to students in the Faculties of Arts or Science with approved qualifications, who follow a more concentrated course of study in a special field under departmental supervision and in accordance with the requirements of the faculty and department.

## **Degrees with Distinction**

The general university provision is that, at the discretion of the faculty concerned, the notation "With Distinction" is inscribed on the permanent record and graduation parchment of a candidate for any degree (except an honors or graduate degree), if the candidate has obtained a grade-point average of 7.5 or higher over the last two years of the program.

# An Invitation to the Graduates

The University of Alberta Alumni Association welcomes you to the University's world-wide alumni family and invites you to participate in the Association's programs and activities.

The Alumni Association was formed in 1915 to promote the interests of the University and its graduates. It has a general office located in Athabasca Hall on campus, and branches exist in many Canadian centres and in a variety of locations abroad. In addition, constituent societies promote the special interests of graduates in a number of professions.

The Alumni branches around the globe provide welcome social and career contacts to the graduate moving to a new area, and new branches are being formed all the time. If there is a branch in the city where you will be establishing roots, be sure to contact the representative listed below. If there is not, contact the Office of Alumni Affairs to see if there are plans for one. You might like to help get it started.

For further information about the Alumni Association, contact the Office of Alumni Affairs or a branch representative. The Association welcomes your participation and encourages you to take advantage of the many benefits available to alumni.

## **General Office**

Office of Alumni Affairs 430 Athabasca Hall University of Alberta Edmonton, Alberta T6G 2E8 Phone: (403) 432-3224

# Branch Representatives (Canada)

The following persons are representatives of the active Alumni Association branches in Canada. They

would be pleased to hear from graduates making their homes in these areas and interested in taking part in branch activities.

#### Victoria

Miss Alison Burns 1 - 426 St. Lawrence Street Victoria, B.C. V8V 1Y4 (604) 384-2967

#### Vancouver

Dr. Dorothy Weijer-Tolmie 12 Camden Court 10070 137A Street Surrey, B.C. V3T 5M6 (604) 585-6860

#### Grande Prairie

Mrs. Olga Anderson Grande Prairie Regional College 10726 - 106 Avenue Grande Prairie, Alberta T8V 4C4 (403) 539-2937

#### Calgary

Dr. Ian A. Ferguson 305, 320-23 Avenue SW Calgary, Alberta T2S 0J2 (403) 228-9026

#### Medicine Hat

Mrs. Beth Findlay 445 Prospect Drive SW Medicine Hat, Alberta T1A 4B9 (403) 526-4763

#### Whitehorse

Mrs. Karen Symington 20 Blanchard Road Whitehorse, Yukon Y1A 4T7 (403) 668-4170

#### Saskatoon

Dr. Donald Hill 100, 366-3rd Avenue Saskatoon, Saskatchewan S7K 1M5 (306) 653-4658



Winnipeg

Mrs. Patricia & Mr. Glenn McMahon 544B Riverton Avenue Winnipeg, Manitoba R2L 0P1 (204) 663-0925

#### Toronto

Mrs. Jessie Heath 110 Stratford Crescent Toronto, Ontario M4N 1C6 (416) 483-8818

#### Ottawa

Mr. Raymond Conway #1608, 475 Laurier West Ottawa, Ontario K1R 7X1 (613) 996-7861

#### Nova Scotia

Mr. Don Lee 37 Hazelholme Drive Halifax, N.S. B3M 1N6 (902) 443-4783

# **Branch Representatives** (International)

A number of Alumni Association branches exist in countries outside Canada. The branch representatives listed below would be pleased to hear from graduates moving to their area or, particularly in the case of the more remote branches, visiting their part of the world.

#### New York, U.S.A

Dr. Reg Moncrieff The Majestic 115 Central Park West New York, N.Y. 10023 U.S.A. (212) 580-4520

Washington, D.C. and area, U.S.A. Dr. Bernard L. Masters 9344 Tovito Drive Fairfax, Virginia 22031 U.S.A. (703) 273-4480

Chicago, U.S.A. Mr. Ken W. Fossey 5937 Crain Morton Grove Illinois 60053 U.S.A. (312) 967-5294

San Francisco, U.S.A. Mr. L. Kirk Miller 60 Federal Street San Francisco, Ca 94107 U.S.A. (415) 777-5775

London, England Mrs. Gail Korpan 1 Possil House 23 Copse Hill Wimbledon London, England SW20

Hong Kong Mr. Trevor Mak 36B Nassau Street 10/F Stage 6 Mei Foo Sun Chuen Kowloon, Hong Kong 3-7438044 or 3-7444703

Kenya
Dr. Paul Wainaina
Department of Educational Foundations
Kenya University
PO Box 43844
Nairobi, Kenya
817356/Extension 395

Tanzania Mr. Frederick Mbeo Ute, Inspectorate P.O. Box 9121 Dar Es Saalam, Tanzania 27211/Extension 255

#### **Constituent Societies**

Constituent societies affiliated with the Alumni Association exist to meet the special needs of graduates in certain professions and to support the faculties from which they graduated. Graduates wishing further information about the constituent societies are invited to contact the Alumni Association or the constituent society presidents listed below.

Dental Alumni Association Dr. David Scott, President c/o Office of Alumni Affairs 430 Athabasca Hall University of Alberta Edmonton, Alberta T6G 2E8

Education Alumni Association Dr. John Paterson, Co-Chair c/o Education Clinical Services 1-35 Education North University of Alberta Edmonton, Alberta T6G 2G5

Library Science Alumni Association Jeannine Green, President c/o Faculty of Library Science 3-20 Rutherford South University of Alberta Edmonton, Alberta T6G 2J4

Medical Alumni Association Dr. R. E. Pow, President c/o Office of Alumni Affairs 430 Athabasca Hall University of Alberta Edmonton, Alberta T6G 2E8

Recreation Alumni Association Fred Tyrrell, Chair c/o Department of Recreation & Leisure Studies University of Alberta Edmonton, Alberta T6G 2H9



The University of Alberta Mace was designed and crafted specifically for the University as a gift from Dr. Francis Phillip Galbraith, Chancellor of the University of Alberta from 1964 - 1970. It was presented by his son, Michael Galbraith, on behalf of his father on May 26th, 1970.

Among its elements: the Star of Saint Thomas Aquinas, the Patron Saint of Scholars; the Wild Rose of Alberta; the Maple Leaf; and the separate charges which make up the University's Coat of Arms. The University motto "Quaecumque Vera" encircles the staff. It is carried before the Chancellor, or Vice-Chancellor, in procession and rests on its stand in full view of the assembly during Convocation.

Centuries ago the Mace was a symbol of authority over life and death. Today it represents power — but the power of knowledge and the importance of the University in the community.

The University of Alberta Mace is made of sterling silver which was rhodium plated after the insertion of the various enamelled shields which make up its elements. A special electro-plate process was used to apply 24 carat gold to other parts of the Mace.

It was intended that the Mace should be modern in appearance but with medieval origins. The preponderance of visual weight at the top of the staff and the rather complex section through the metalwork at this point are reminiscent of the use of the mace as a weapon, defensive or aggressive.

# The University of Alberta Ceremonial Chairs



The Chancellor's Chair was presented to the University of Alberta as a gift from the 1922 graduating class. It is made of solid oak with a padded leather back and seat. Above the padded leather back is carved the University motto "Quaecumque Vera" together with the class year 1922 and the University coat-of-arms.

In 1987 the family and friends of Dr. Charles Malcolm MacLeod, Chairman of the Board of Governors from 1950 - 1966, presented a memorial gift to the University of an oak stand for the University of Alberta Mace and two additional chairs for use by the President and the Chairman of the Board of Governors at Convocation.

### Academic Dress

The tradition of academic dress dates back to the early fourteenth century. Its origins seem to have been mainly ecclesiastical but partly functional. Since the early institutions of higher learning in England were run by and for the members of religious orders, clerical discipline prevailed, and tonsured heads and clerical garb were required. However, it is probable that long woolen gowns were considered necessary in any case to shield medieval scholars from the dampness and cold of the unheated buildings and that hoods were used to provide warmth to their shaven heads.

The hoods or cowls of monastic orders. which in warm weather could be thrown back to fall between the shoulders, were superseded as headdress by the ecclesiastical calotte or skull cap, but were retained as a sort of cape. After the Reformation' the clerical skull cap was replaced by the academic "round cap", a circular, velvet bonnet, which is still prescribed for higher degrees by a number of universities. The mortar board, the hard, square cap that is so commonly used as academic headdress today, evolved from the softer, more flexible "square cap" that was introduced in England in about 1490.

From these early beginnings a code of academic dress gradually evolved. Colours were introduced in the borders and linings of the hoods to distinguish between degrees in different fields of study, and a variety of patterns of both gowns and hoods was developed to distinguish between different levels of degrees.

Academic dress at the University of Alberta conforms to the customary Cambridge shape (a gown of black material falling below the knee with full sleeves cut to the elbow and terminating in a point.) Hoods are of the Oxford pattern of spruce green material with a border for bachelors, and a full lining for masters and doctors of medicine and dental surgery, of the colour distinctive of the faculty.

Agriculture and Forestry

Pale Blue

Arts (including LL.D.)

White

Business Dentistry Education Engineering Home Economics

Medicine Nursing (B.Sc.) Pharmacy and

Pharmaceutical Sciences Physical

Education and Recreation Rehabilitation

Medicine Faculté Saint-Jean

Science

Silver Gray Maroon Royal Blue Light Green

Burgundy/Pink Trim Scarlet Crimson Crimson/White Trim

Cinnamon

Royal Blue/Gold Trim

Salmon Pink

Lavender Gold-Yellow

Doctor's gowns and hoods (PhD and EdD) conform to the Intercollegiate Code in shape, size and colour, with velvet trim on the sleeves in either Philosophy blue for the PhD, or Education light blue for the EdD on a black gown. Doctor's of Laws wear a full-dress scarlet robe faced with white silk.

Doctor's hoods are of black material to match the gown, and a full lining is of gold satin with a six-inch green satin chevron. The velvet trim distinguishes the two degrees and matches the velvet trim on the gown.

Honorary degree hoods (LLD, DLitt and DSc) are of scarlet in the Cambridge form and have a full lining of white silk.

The President of the University wears a green gown faced with gold braid trim and lining and a green mortar board with a gold tassel. The Chancellor and Chancellors Emeriti wear gowns of teal blue with silver trim and velvet mortar boards with silver tassels: the Chairman of the Board of Governors' gown is black with gold-braid trim and the mortar board has a gold tassel. The gowns of the three senior officials bear an embroidered crest of the University.

University Governors and Senators wear stoles bearing the crest of the University over their gowns, gold faced for Governors and green faced for Senators.

The University gratefully acknowledges the generous financial contribution made by the Alma Mater Fund which has made possible the purchase of additional academic hoods for Spring Convocation, 1987.







